



**BEYOND™**  
HERBICIDE | CLEARFIELD® PRODUCTION SYSTEM

## Supplemental Labeling

**FOR DISTRIBUTION AND USE ONLY WITHIN ARKANSAS**

EPA SLN No. AR-040003

EPA Reg. No. 241-379

EPA Est. No. 241-MO-001

**FOR RED RICE CONTROL IN CLEARFIELD® RICE  
APPLY ONLY TO CLEARFIELD RICE**

**THIS LABEL EXPIRES MAY 18, 2009.**

**ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE REGISTERED PRODUCT LABEL FOR BEYOND™ HERBICIDE, EPA REG. NO. 241-379, MUST BE FOLLOWED.**

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of pesticide application.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Observe all cautions and limitations on this label and on the labels of products used in combination with **BEYOND™ herbicide**. Do not use **BEYOND** other than in accordance with the instructions set forth on this label. The use of **BEYOND** not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

DO NOT apply this product through any type of irrigation system.

DO NOT apply **BEYOND** in any manner not specifically described in this label.

DO NOT make more than one application of **BEYOND** per year.

### **GENERAL INFORMATION**

Use of **BEYOND** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

**BEYOND** can only be applied following two 4 oz./acre applications of **NEWPATH®** herbicide at labeled timings. **BEYOND** is effective in controlling red rice in drill seeded and water seeded rice production systems. **BEYOND** can be applied as a red rice rescue treatment in IMIDAZOLINONE-TOLERANT Rice (**CLEARFIELD** Rice). **BEYOND** must be applied from tillering until panicle initiation (green ring) growth stages of **CLEARFIELD** rice. Refer to the specific treatment under the **SPRAYING INSTRUCTIONS** section of the label. Applications of **BEYOND** made during panicle initiation or other rice reproductive growth stages may reduce rice yields.

The mode of weed killing activity involves uptake of BEYOND™ herbicide by foliage and/or weed roots and rapid translocation to the growing points. After BEYOND application, susceptible weeds may show yellowing and weed growth will stop. Susceptible weeds stop growing and either die or are not competitive with the crop.

### Use on CLEARFIELD® Rice

BEYOND can be applied postemergence to remove late-emerging or previously missed red rice, only on **CLEARFIELD RICE** (imidazolinone tolerant rice) varieties and hybrids possessing the second-generation tolerance trait following two 4-oz./acre applications of **NEWPATH®** herbicide at labeled timings. Apply only on selected rice varieties labeled as "**CLEARFIELD**" and warranted by the seed supplier to possess tolerance to direct application of **NEWPATH**. DO NOT apply BEYOND to rice varieties that lack resistance/tolerance to **NEWPATH**. Contact your seed supplier, chemical dealer, or BASF to obtain information regarding imidazolinone tolerant rice varieties.

Licensed for use on ATCC 97523 or ATCC PTA-904 rice and derivatives and progeny. The purchase of this herbicide includes a sublicense to practice the processes claimed by United States Patent Nos. 5,952,553 and 6,274,796 by applying this herbicide to fields planted with rice seed purchased in a container bearing the legend "Licensed ATCC 97523 or ATCC PTA-904 Rice" in full accordance with the directions printed on this label. Additional patent applications are pending.

### MIXING INSTRUCTIONS

APPLICATIONS OF BEYOND REQUIRE THE ADDITION OF A CROP OIL CONCENTRATE.

Apply the crop oil concentrate at the rate of 1 gallon per 100 gallons of spray solution (1.0% vol./vol.).

#### CLEANUP:

To avoid injury to sensitive crops, spray equipment used for BEYOND applications must be drained and thoroughly cleaned with water before being used to apply other products.

### SPRAYING INSTRUCTIONS

DO NOT apply when wind velocity is greater than 10 mph for ground application or 5 mph for aerial application, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include but are not limited to leafy vegetables, cotton, and non-**CLEARFIELD** rice varieties.

#### GROUND APPLICATIONS

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips.

Avoid overlaps when spraying.

#### AERIAL APPLICATION:

BEYOND may be applied by air only to approved **CLEARFIELD** rice varieties and hybrids. DO NOT apply by air to other crops.

Uniformly apply with properly calibrated aerial equipment in 10 or more gallons of water per acre. The addition of a crop oil concentrate is required for optimum weed control. Apply the crop oil concentrate at the rate of 1 gallon per 100 gallons of spray solution (1.0% vol./vol.).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following:

### SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS

- Nozzle height above ground must be a maximum of 10 feet or as boom/aircraft manufacturer directs.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.

- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

Applicator is responsible for any loss or damage that results from spraying **BEYOND™** herbicide in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

Avoid overlaps when spraying.

Unusually cool temperatures (50° F or less) reduce photosynthesis and transpiration and thus reduce uptake, translocation, and efficacy of BEYOND in weeds. Delaying a BEYOND application for 48 hours from the time the temperature increases to above 50° F, if air temperature has been below 50° F for 10 or more hours, will improve weed control and reduce crop response.

## APPLICATION INFORMATION

### TIMING AND USE RATE:

BEYOND can only be applied following two 4 oz./acre applications of **Newpath®** herbicide at labeled timings. If permanent flood has been established, greater than one-half of the red rice plant must be above the water, at the time of BEYOND application, to achieve red rice control.

Apply BEYOND postemergence to **CLEARFIELD** rice between **CLEARFIELD** rice tillering and **CLEARFIELD** rice panicle initiation (green ring) as a red rice rescue treatment at 5 oz. of product per acre (0.04 lb. ai per acre). At this rate one quart of BEYOND will treat 6.4 acres of **CLEARFIELD** rice.

A crop oil concentrate must be added to the spray solution for optimum weed control activity. See the MIXING INSTRUCTIONS for specific instructions.

DO NOT apply when wind velocity is greater than 10 mph for ground application or 5 mph for aerial application, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables, cotton, and non-**CLEARFIELD** rice varieties.

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